

SECTION I. (AMENDMENTS TO THE CLAIMS)

Following is a listing of claims 1-31 as amended herein, with markings to show changes made:

Claim 1 (Cancelled).

Claim 2 (Cancelled).

Claim 3 (Currently amended) A composition suitable for formation of a spin-on antireflective layer comprising

a crosslinking component;

a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, ~~and chromophore moieties~~, wherein said silicon polymer comprises ~~Si-(Si)_n moieties in the back bone or in the side group, wherein n is an integer of 1-15 and the Si-(Si)_n moieties represent linear, branched or cyclic silanes, or any combination thereof~~ is a novolacsilane polymer comprising phenolic groups on the main chain and cluster silane groups on the side chains; and

an acid generator.

Claim 4 (Original) The composition of claim 3, wherein the acid generator is a thermal acid generator.

Claim 5 (Original) The composition of claim 3, wherein the acid generator is a photoacid generator.

Claim 6 (Previously presented) The composition of claim 3, wherein said reactive sites are selected from the group consisting of alcohols, amino groups, imino groups, carboxylic groups, vinyl ethers, expoxides and mixtures thereof.

Claims 7-8 (Cancelled).

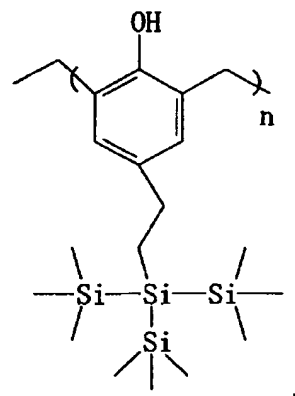
Claim 9 (Previously presented) The composition of claim 3, wherein said crosslinking compound comprises a glycoluril compound.

Claim 10 (Original) The composition of claim 3, wherein said acid generator is a thermally activated acid generator.

Claim 11 (Cancelled).

Claim 12 (Previously presented) The composition of claim 2, wherein said reactive site is an alcohol group.

Claim 13 (Currently amended) The composition of claim 3, wherein said ~~chromophore is phenyl~~ group novolacsilane polymer has the structure of:



Claims 14-29 (Cancelled).

Claim 30 (Currently amended) A composition suitable for formation of a spin-on antireflective layer comprising

a crosslinking component; and

a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, ~~and chromophore moieties which include linear alkyl, branched alkyl or cycloalkyl moieties, wherein said silicon polymer comprises Si-(Si)_n moieties in the back bone or in the side group, wherein n is an integer of 1-15 and the Si-(Si)_n moieties represent linear, branched or cyclic silanes, or any combination thereof~~ is a novolacsilane polymer comprising phenolic groups on the main chain and cluster silane groups on the side chains.

Claim 31 (Currently amended) A composition suitable for formation of a spin-on antireflective layer comprising

a ~~glycoluril~~ crosslinking component; and

a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, ~~and chromophore moieties~~, wherein said silicon polymer comprises $\text{Si}(\text{Si})_n$ ~~moieties in the back bone or in the side group~~, wherein n is an integer of 1-15 and the $\text{Si}(\text{Si})_n$ ~~moieties represent linear, branched or cyclic silanes, or any combination thereof~~ is a novolacsilane polymer having the structure of:

